

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
14 July 2005 (14.07.2005)

PCT

(10) International Publication Number
WO 2005/063115 A1

(51) International Patent Classification⁷: **A61B 5/00**

(21) International Application Number:
PCT/EP2004/014057

(22) International Filing Date:
10 December 2004 (10.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
03029565.3 22 December 2003 (22.12.2003) EP

(71) Applicant and

(72) Inventor: **HADVÁRY, Paul** [CH/CH]; Neumattenweg 8,
CH-4105 Biel-Benken (CH).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **HANSJÖRG,**
Tschirky [CH/CH]; Kuntmattring 15, CH-4107 Ettingen
(CH).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

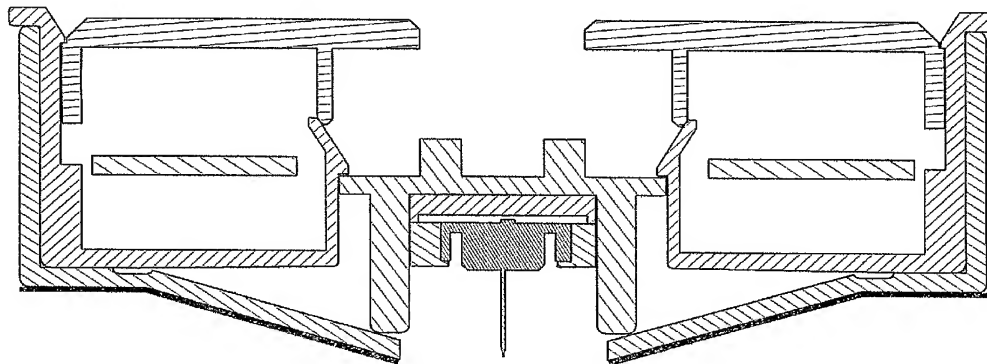
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- with amended claims and statement

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DERMALLY AFFIXED SENSOR DEVICE



(57) Abstract: An improved diagnostic analyte monitoring device has immovable, rigid sensors connected stationarily to control and measuring means and a flexible surface adhering to the skin and serving for the subcutaneous implantation of the sensors, actuated by means designed for easy handling. Concentrationtime profiles of endogenous and exogenous analytes measured with the device are used to improve drug treatment modalities on an individualized basis.

WO 2005/063115 A1